## CLAIMS

- 1 1. A filter kit for removable insertion into one of a rigid frames of a filter grid array
- 2 having a plurality of rigid frames disposed adjacent to one other, each frame having a central
- 3 opening and arranged in adjacent relationship to one another, said kit comprising in
- 4 combination;
- a) a particulate air filter media component removably mounted in one of said
- 6 rigid frames, each filter media component provided with multiple, closed end pockets
- 7 opposing a frontal opening, said frontal opening having an outer edge defining a
- 8 circumference generally conforming to the circumference of the central opening of a
- 9 respective one of said rigid frames; and
- 10 c) mounting means independent of said filter media bag configured to
- releasably hold said filter media component within one of said rigid frames, each including a
- 12 retaining ring member removably mounted in force transmitting engagement to an inner
- edge of said rigid frame with a portion of said filter media component disposed near said
- outer edge sealingly entrapped between said retainer ring member and the inner edge of said
- 15 rigid frame.
- 1 2. The filter kit defined in claim 1 further wherein said mounting means includes a rod
- 2 member removably disposed across said central opening of said frame and in engagement
- 3 with a rearwardly facing surface of said filter media component located between said

- 4 pockets and forwardly of said closed ends of said pockets to limit the degree of insertion of
- 5 said filter media component within said frame in a direction of the intended air flow directed
- 6 through said filter media component.
- 1 3. A method of removably mounting an air filter media component into a rigid frame
- 2 having four sides and inner edge defining a central opening which forms part of a multiple
- 3 frame filter grid, comprising the steps of:
- 4 a) placing a filter media component across the central opening of the rigid
- frame with an outer edge portion of said filter media extending forwardly of the
- 6 inner edge of the central opening of said rigid frame;
- 7 b) providing a retaining ring independent of said filter media component and
- 8 placing said retaining ring in press-fit relationship to the inner edge of the central
- 9 opening of said frame to engage a portion of said filter media component which is
- adjacent to said outer edge in force-transmitting relationship between said retaining
- ring and the inner edges of said frame to releasably secure said filter media
- 12 component within said frame.
- 1 4. A method of mounting and dismounting a replaceable filter media component into a
- 2 rigid frame forming a portion of a multiple filter grid arrangement, said filter media
- 3 component having a shape providing a frontal opening communicating with at least two

| 4  | pocket shaped areas extending beyond a downstream side of said frame comprising the steps |
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| 5  | of:   |
| 6  | a) placing a support rod across a central opening of the rigid frame having four          |
| 7  | sides members defining inner edges surrounding said central opening;                      |
| 8  | b) inserting the filter media component having at least two pocket shaped areas           |
| 9  | into said central opening of said frame with the pockets extending through said           |
| 10 | central opening until a portion of said filter media component between said pockets       |
| 11 | engages said support rod and aligns an outer edge of said filter media component          |
| 12 | surrounding said frontal opening forwardly of the inner edges of said rigid frame;        |
| 13 | c) placing a retaining ring member into engagement with a portion of said filter          |
| 14 | media component and in a press-fit relationship with the inner edges of said frame to     |
| 15 | releasably entrap a portion of said filter media component adjacent to the frontal        |
| 16 | opening of said filter media component in a sealed relationship between the inner         |
| 17 | edges of said rigid frame and said retaining ring;  |
| 18 | d) upon exhaustion of the useful life of said filter media component, removing            |
| 19 | said retaining ring member from engagement with said frame and then removing the          |

repeating steps (b) and (c) to place another filter media component in

filter media component from said frame;

operating relationship within said frame.

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